

Dr. Nicholas HO



Lecturer & Consultant, Artificial Intelligence Practice

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Profile

Nicholas Ho is currently a lecturer at NUS-ISS. He received his BEng and PhD degree from School of Mechanical Engineering, National University of Singapore. Experienced in the mechanical engineering field, he specializes in state-of-the-art Industrial 4.0 technologies such as Cyber-Physical Systems (CPSs), Internet-of-Things (IoT), Augmented/Virtual Reality (AR/VR) and Artificial Intelligence (AI).

Prior to joining NUS-ISS, he spent a number of years in research, whereby he assisted in the development of cutting edge CPS and IoT technologies, a novel VR training system, and groundbreaking optimization models for biofabrication applications.

Educational Qualifications/Professional Certifications

- PhD in Mechanical Engineering, National University of Singapore
- Bachelor of Engineering (Honours) in Mechanical Engineering minoring in Technopreneurship, National University of Singapore

What I Teach

ARTIFICIAL INTELLIGENCE

Intelligent Sensing and Sense Making

ARTIFICIAL INTELLIGENCE

Robotic Systems

ARTIFICIAL INTELLIGENCE

Human-Robot System Engineering

SOFTWARE SYSTEMS

Designing Intelligent Edge Computing

SOFTWARE SYSTEMS

Humanizing Smart Systems

SOFTWARE SYSTEMS

Envisioning 5G IoT Solutions

ARTIFICIAL INTELLIGENCE

Autonomous Robots and Vehicles

SOFTWARE SYSTEMS

IoT & 5G Security

ARTIFICIAL INTELLIGENCE

Problem Solving using Pattern Recognition

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